

# The '67 Super Sports by Chevrolet







Chevrolet SS 427 Sport Coupe in Marina Blue.  
(Convertible also available.)

# Chevrolet SS 427

## Mechanical features

**385-hp Turbo-Jet 427 V8 engine** (see chart at right for specs). Famed "porcupine" heads have individually ported inlet and exhaust passages. Low-restriction inlet runner shape and design. Angled valves for optimum gas flow. Inlet valves 2.065" diameter, exhaust valves 1.72" diameter. Valve lift: .4614" inlet, .4800" exhaust. Inlet valves open 56° BTC, close 114° ABC, have 350° duration. Exhaust valves open 110° BBC, close 62° ATC, have 352° duration. Extra-thick bulkheads above each crankshaft bearing and wide-base main bearing caps for more rigid crankshaft clamping. High-strength castings. Special suspension components with SS 427.

## Transmissions

**Special 3-Speed fully synchronized.** Extra-cost. Heavy-duty design features 2.41:1 first, 1.57:1 second, 1.00:1 third, 2.41:1 reverse. Fully synchronized in forward speeds, permits downshifting into low without a complete stop.

**4-Speed fully synchronized.** Extra-cost transmission has four fully synchronized forward gears: 2.52:1 first, 1.88:1 second, 1.47:1 third, 1.00:1 fourth, 2.59:1 reverse. Floor-mounted shift lever, detent reverse lockout.

**Turbo Hydra-Matic.** Extra-cost fully automatic three-speed transmission. Ratios: 5.06:1 to 1:1 range—drive; 5.06:1 to 1.48:1 range—low 2; 5.06:1 to 2.48:1 range—low 1; 4.24:1 to 2.08:1 range—reverse. Selector sequence: P-R-N-D-L-L.

## Appearance features

**Exterior.** Special hood with sculptured V-shaped windsplit. Distinctive hood ornamentation. "SS 427" emblems on grille and rear deck. Special V-flagged front fender emblems. Dramatic new roof line (sport coupe). Weather-resistant vinyl-coated fabric power-operated top with glass rear window

(convertible). Bright moldings around roof and lower window areas (sport coupe). Bright wheel opening and body sill moldings. Super Sport wheel covers. Triple-unit taillights with back-up lights in center.

**Interior.** Luxurious all-vinyl upholstery. Strato-bucket front seats with center console or Strato-back conventional seat with center armrest. Scuff-resistant plastic cowl side panels with molded-in ventilator grilles; bright metal accents on side-walls. Bright interior garnish moldings in sport coupe. Color-keyed deep-twist carpeting. Extra-thick foam cushioning in seats. Day-night rearview mirror. Extra-long bright-metal-trimmed armrests with built-in finger-tip door releases. Deluxe window regulator handles. Brushed-aluminum instrument panel lower area. Electric clock. Built-in horn tabs in horizontal spokes on oval steering wheel. Cigarette lighter; built-in ashtrays in front and rear. Roof side rail lights in sport coupe. Courtesy lights in convertible and sport coupe. Automatic front door switches for dome or courtesy lights; also manual control on instrument panel. Lighted, locking glove compartment with series identification on door. Automatic luggage compartment light; patterned rubber luggage compartment mat.

**Tires.** Special red-stripe tires on wide-base 6" rims standard. For specific information regarding other tire sizes or appearance features, consult your Chevrolet dealer.

**Extra-cost items.** Comforton air conditioning. Stereo tape system. AM/FM radio with FM stereo. Front disc brakes (includes 15" wheels and tires). Power steering, brakes and seat. Special instrumentation (tachometer, oil pressure gauge, ammeter, fuel level gauge, engine temperature gauge). Appearance Guard Group, Auxiliary Lighting Group, Operating Convenience Group, front and rear bumper guards, outside remote control rear-view mirror, shoulder belts, Strato-ease headrests for front Strato-bucket seats, rear window defroster, speed warn-

ing indicator, sports-styled steering wheel, sintered-metallic linings for drum brakes, special front and rear suspension and heavy-duty radiator. Special accent stripes. Plus many more—see your Chevrolet dealer for full details.

## Interior dimensions

|                                                | Sport Coupe |       | Convertible |       |
|------------------------------------------------|-------------|-------|-------------|-------|
|                                                | Front       | Rear  | Front       | Rear  |
| Head room . . . . .                            | 38.2"       | 37.4" | 38.8"       | 37.8" |
| Leg room . . . . .                             | 41.7"       | 36.4" | 42.0"       | 36.4" |
| Shoulder room . . . .                          | 62.4"       | 61.0" | 62.4"       | 53.1" |
| Usable luggage space<br>(cubic feet) . . . . . | 17.3        |       | 17.3        |       |

## SS 427 engine (RPO L36) specifications

|                            |                             |  |  |
|----------------------------|-----------------------------|--|--|
| Engine Type                | V8 Valve-in-head            |  |  |
| Displacement (cu.-in.)     | 427                         |  |  |
| Bore and Stroke            | 4.25" x 3.76"               |  |  |
| HP @ RPM                   | 385 @ 5200                  |  |  |
| Torque @ RPM<br>(ft.-lbs.) | 460 @ 3400                  |  |  |
| Compression Ratio          | 10.25:1                     |  |  |
| Carburetion                | Four-barrel/automatic choke |  |  |
| Camshaft                   | High performance            |  |  |
| Valve Lifters              | Hydraulic                   |  |  |
| Exhaust System             | 2½"—dual with resonators    |  |  |

| ENGINE                  | TRANSMISSIONS     | OPTION NO.<br>(RPO) | REAR AXLE* |          | CHASSIS SPECIFICATIONS |        |                                    |
|-------------------------|-------------------|---------------------|------------|----------|------------------------|--------|------------------------------------|
|                         |                   |                     | STANDARD   | OPTIONAL |                        |        |                                    |
| 385-hp Turbo-Jet 427 V8 | Special 3-Speed   | M13                 | 3.31:1     | 3.07:1   | Wheelbase:             | 119"   | Tread: Front: 62.5"<br>Rear: 62.4" |
|                         | 4-Speed           | M20                 | 3.31:1     | 3.55:1   |                        | 213.2" |                                    |
|                         | Turbo Hydra-Matic | M40                 | 2.73:1     | 3.73:1   |                        | 79.9"  |                                    |
|                         |                   |                     |            | 3.07:1   | Height:                | 54.4"  |                                    |
|                         |                   |                     |            | 3.31:1   |                        |        |                                    |

\*Positraction available for all ratios. \*\*Convertible—55.3"  
**SHOWN ON COVER** (top to bottom): Corvette 427 Sport Coupe in Silver Pearl; Nova SS Sport Coupe in Ermine White; Chevelle SS 396 Sport Coupe in Granada Gold; Chevrolet SS 427 Sport Coupe in Marina Blue; and Camaro SS 350 Sport Coupe with Rally Sport option in Bolero Red with black vinyl roof cover.





**Chevelle SS 396 Sport Coupe in Capri Cream**  
(Convertible also available.)

# Chevelle SS 396

## Mechanical features

**Standard 325-hp Turbo-Jet 396 V8.**  
(See chart at right for specifications.)

**350-hp Turbo-Jet 396 V8.** Extra-cost high-performance engine. High-strength castings. Extra-thick bulkheads above each crankshaft bearing and wide-base main bearing caps for more rigid crankshaft clamping. Inlet valves 2.06" diameter, exhaust valves 1.72" diameter. "Porcupine" heads have individually ported inlet and exhaust passages. Low restriction inlet runner shape and design. Angled valves for optimum gas flow. Valve lift: .4614" inlet, .4800" exhaust. Camshaft timing: inlets open 62° BTC, close 114° ABC, have duration 350°. Exhaust valves open 110° BBC, close 62° ATC, have duration 352°. Special suspension components included with SS 396.

## Transmissions

**Special 3-Speed fully synchronized.** Standard with either 325-hp or 350-hp Turbo-Jet 396 V8. Floor-mounted shift lever. Ratios: 2.41:1 first, 1.57:1 second, 1.00:1 third, 2.41:1 reverse. Fully synchronized in forward gears.

**4-Speed fully synchronized.** Extra-cost transmission is fully synchronized in forward gears. Floor shift. Ratios with either engine: 2.52:1 first, 1.88:1 second, 1.47:1 third, 1.00:1 fourth, 2.59:1 reverse. Additional choice with 350-hp V8: 2.20:1 first, 1.64:1 second, 1.27:1 third, 1.00:1 fourth, 2.26:1 reverse.

**Powerglide automatic transmission.** Extra cost with either V8. Two-speed, three-element automatic transmission. Ratios: 3.70:1 to 1.76:1 range.

**Turbo Hydra-Matic.** Extra cost with either V8. Ratios: 5.06:1 to 1:1 range—drive; 5.06:1 to 1.48:1 range—low 2; 5.06:1 to 2.48:1 range—low 1; 4.24:1 to 2.08:1 range—reverse. Selector sequence: P-R-N-D-L-L.

## Appearance features

**Exterior.** Twin simulated hood air intakes. Special black grille with bright bars and SS 396 emblem. Accent stripes low on body side, keyed to interior-exterior color combination. Additional accent stripes can be specified. Black-painted rear panel with SS 396 emblem. Special red-stripe tires. Distinctive SS 396 wheel covers can be ordered.

**Interior.** Luxurious color-keyed all-vinyl upholstery. Strato-bucket front seats and center console can be ordered. Special instrumentation can be ordered. Embossed vinyl headlining in sport coupe. Bright interior garnish moldings in sport coupe. All-vinyl door and sidewall trim with bright accents. Scuff-resistant plastic cowl side panels with molded-in ventilator grilles. Color-keyed deep-twist carpeting. Foam-cushioned seats. Black-accented instrument panel facing and trim. Built-in horn tabs on horizontal spokes on oval steering wheel.

**Tires.** Special red-stripe tires with 14" x 6" wheels standard. For specific information regarding other tire sizes or appearance features, consult your Chevrolet dealer.

**Extra-cost items.** Stereo tape system. Front disc brakes. AM/FM radio with FM stereo. Comfortilt steering wheel. Soft-Ray tinted glass. Four-Season air conditioning. Vinyl roof cover for sport coupe. Plus many more—see your Chevrolet dealer.

## Interior dimensions

|                                                | Sport Coupe |       | Convertible |       |
|------------------------------------------------|-------------|-------|-------------|-------|
|                                                | Front       | Rear  | Front       | Rear  |
| Head room . . . . .                            | 37.7"       | 36.3" | 38.2"       | 36.5" |
| Leg room . . . . .                             | 41.9"       | 33.1" | 41.9"       | 33.1" |
| Shoulder room . . . .                          | 58.8"       | 57.0" | 58.8"       | 45.6" |
| Usable luggage space<br>(cubic feet) . . . . . | 17.1        |       | 17.1        |       |

## SS 396 engine specifications

| Engine                     | 325-hp Turbo-Jet 396<br>(Standard) | 350-hp Turbo-Jet 396<br>(RPO L34) |
|----------------------------|------------------------------------|-----------------------------------|
| Engine Type                | V8 Valve-In-Head                   | V8 Valve-In-Head                  |
| Displacement (cu.-in.)     | 396                                | 396                               |
| Bore and Stroke            | 4.094" x 3.76"                     | 4.094" x 3.76"                    |
| HP @ RPM                   | 325 @ 4800                         | 350 @ 5200                        |
| Torque @ RPM<br>(ft.-lbs.) | 410 @ 3200                         | 415 @ 3400                        |
| Compression Ratio          | 10.25:1                            | 10.25:1                           |
| Carburetion                | Four-barrel/<br>automatic choke    | Four-barrel/<br>automatic choke   |
| Camshaft                   | General performance                | High performance                  |
| Valve Lifters              | Hydraulic                          | Hydraulic                         |
| Exhaust System             | Dual                               | Dual                              |

| ENGINE                     | TRANSMISSION       | OPTION NO.<br>(RPO) | REAR AXLE |                                            | ENGINE                     | TRANSMISSION       | OPTION NO.<br>(RPO) | REAR AXLE |                                    | CHASSIS SPECIFICATIONS                                                                                     |  |  |
|----------------------------|--------------------|---------------------|-----------|--------------------------------------------|----------------------------|--------------------|---------------------|-----------|------------------------------------|------------------------------------------------------------------------------------------------------------|--|--|
|                            |                    |                     | STANDARD  | OPTIONAL                                   |                            |                    |                     | STANDARD  | OPTIONAL                           |                                                                                                            |  |  |
| 325-hp Turbo-Jet<br>396 V8 | Special<br>3-Speed | STD                 | 3.31:1    | 3.07:1                                     | 350-hp Turbo-Jet<br>396 V8 | Special<br>3-Speed | STD                 | 3.55:1    | 3.31:1                             | Wheelbase: 115"<br>Length: 197.0"<br>Width: 75.0"<br>Height: 51.9***<br>Tread: Front: 58.0"<br>Rear: 58.0" |  |  |
|                            | 4-Speed            | M20                 |           | 3.55:1                                     |                            | 4-Speed            | M20                 | 4.10:1*   | 4.10:1*                            |                                                                                                            |  |  |
|                            | Powerglide         | M35                 |           | 3.73:1                                     |                            | Powerglide         | M35                 | 3.31:1    | 3.07:1, 3.55:1,<br>3.73:1, 4.10:1* |                                                                                                            |  |  |
|                            |                    |                     |           | 4.10:1*                                    |                            |                    |                     |           |                                    |                                                                                                            |  |  |
|                            | Turbo Hydra-Matic  | M40                 | 2.73:1    | 2.73:1, 3.31:1, 3.55:1,<br>3.73:1, 4.10:1* |                            | Turbo Hydra-Matic  | M40                 | 3.07:1    | 2.73:1, 3.31:1                     |                                                                                                            |  |  |
|                            |                    |                     |           | 3.07:1, 3.31:1                             |                            |                    |                     |           |                                    |                                                                                                            |  |  |

\*Positraction required; available for all other ratios.

†Choice of 3.07:1, 3.31:1, 3.73:1, 4.10:1\*, 4.56:1\*, or 4.88:1\* ratios.

\*\*Convertible—52.8"





Chevy II Nova SS Sport Coupe in Bolero Red

# Chevy II Nova SS

## Mechanical features

**327 and 283 V8 engines.** 195-hp Turbo-Fire 283 is standard V8; extra-cost 275-hp Turbo-Fire 327 V8 may be ordered (see chart at right for specs). 275-hp Turbo-Fire 327 V8: 1.94"-dia. inlet valves, 1.50"-dia. exhaust valves. Valve lift: .3900" inlet, .4100" exhaust. Inlet valves open 36° BTC, close 94° ABC. Exhaust valves open 86° BBC, close 54° ATC. Duration: 310° inlet, 320° exhaust. Both engines have high-strength, precision-cast alloy iron cylinder block and heads; large intake and exhaust passages. Other engines available for Nova SS: 120-hp Hi-Thrift 194 Six standard; 155-hp Turbo-Thrift 250 Six may be ordered (see chart at right for specifications).

## Transmissions

**3-Speed fully synchronized.** Standard with all engines. Gear ratios: with 327 V8, 2.54:1 first, 1.50:1 second, 1.00:1 third, 2.63:1 reverse. With 283 V8 and Sixes, 2.85:1 first, 1.68:1 second, 1.00:1 third, 2.95:1 reverse. Fully synchronized in all three forward gears. Column shift lever.

**4-Speed fully synchronized.** Extra cost with either V8. Gear ratios: with 327 V8, 2.54:1 first, 1.80:1 second, 1.44:1 third, 1.00:1 fourth, 2.54:1 reverse. With 283 V8, 3.11:1 first, 2.20:1 second, 1.47:1 third, 1.00:1 fourth, 3.11:1 reverse. Floor-mounted shift lever on console plate.

**Powerglide automatic.** Extra cost. Two-speed automatic transmission. Ratios: 327 V8—3.70:1 to 1.76:1 range; 283 V8—3.82:1 to 1.82:1 range; 194 Six—4.37:1 to 1.82:1 range; 250 Six—3.82:1 to 1.82:1 range. Shift lever mounted on floor console plate.

## Appearance features

**Exterior.** Bright front and rear wheel opening moldings. Special black-accented grille. Lower body side moldings above

black-painted sill area. Color-keyed body side accent stripes. Single-unit taillights with built-in back-up lights. Super Sport wheel covers. Distinctive SS series identification.

**Interior.** Strato-bucket front seats. Luxurious color-keyed all-vinyl upholstery. Color-keyed deep-twist carpeting. Electric clock. Instrument panel series identification. Automatic front door dome light switches. 3-spoke oval steering wheel. Chrome-backed day-night rearview mirror. Luggage compartment mat. Floor-mounted shift and special console plate with 4-Speed or Powerglide transmission.

**Tires.** For specific information regarding tire sizes or appearance features, consult your Chevrolet dealer.

**Extra-cost items.** Stereo tape system, AM/FM radio and FM stereo. All-Weather air conditioning. Comfortilt steering wheel.

Power windows, steering and brakes. Appearance Guard Group, Auxiliary Lighting Group, Operating Convenience Group. Shoulder belts, Strato-ease headrests (for Strato-bucket front seats). Sports-styled steering wheel. Front disc brakes. Simulated wire wheel covers. Mag-style wheel covers.

## Interior dimensions

|                                         | Front | Rear  |
|-----------------------------------------|-------|-------|
| Leg room .....                          | 41.0" | 31.0" |
| Head room .....                         | 37.2" | 36.4" |
| Shoulder room .....                     | 55.3" | 53.8" |
| Usable luggage space (cubic feet) ..... | 13.0  |       |

## Nova SS engine specifications

| Engine                  | 275-hp Turbo-Fire 327 (RPO L30) | 195-hp Turbo-Fire 283 (Standard) | 120-hp Hi-Thrift 194 (Standard) | 155-hp Turbo-Thrift 250 (RPO L22) |
|-------------------------|---------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| Engine Type             | V8 Valve-In-Head                | V8 Valve-In-Head                 | 6-cyl. Valve-In-Head            | 6-cyl. Valve-In-Head              |
| Displacement (cu.-in.)  | 327                             | 283                              | 194                             | 250                               |
| Bore and Stroke         | 4.0" x 3.25"                    | 3.875" x 3.00"                   | 3.563" x 3.25"                  | 3.875" x 3.53"                    |
| HP @ RPM                | 275 @ 4800                      | 195 @ 4600                       | 120 @ 4400                      | 155 @ 4200                        |
| Torque @ RPM (ft.-lbs.) | 355 @ 3200                      | 285 @ 2400                       | 177 @ 2400                      | 235 @ 1600                        |
| Compression Ratio       | 10.0:1                          | 9.25:1                           | 8.5:1                           | 8.5:1                             |
| Carburetion             | Four-barrel/automatic choke     | Two-barrel/automatic choke       | Single-barrel/automatic choke   | Single-barrel/automatic choke     |
| Camshaft                | General performance             | General performance              | Economy-contoured               | Economy-contoured                 |
| Valve Lifters           | Hydraulic                       | Hydraulic                        | Hydraulic                       | Hydraulic                         |
| Exhaust System          | Large Single                    | Single                           | Single                          | Single                            |

| ENGINE                   | TRANSMISSION | OPTION NO. (RPO) | REAR AXLE* STANDARD | REAR AXLE* OPTIONAL | ENGINE                      | TRANSMISSION | OPTION NO. (RPO) | REAR AXLE* STANDARD | REAR AXLE* OPTIONAL | CHASSIS SPECIFICATIONS                                                                       |
|--------------------------|--------------|------------------|---------------------|---------------------|-----------------------------|--------------|------------------|---------------------|---------------------|----------------------------------------------------------------------------------------------|
| 275-hp Turbo-Fire 327 V8 | 3-Speed      | STD.             | 3.08:1              | 3.55:1              | 185-hp Turbo-Fire 283 V8    | 3-Speed      | STD.             | 3.08:1**            | 3.55:1              | Wheelbase: 110" Tread: Front: 56.8" Rear: 56.3"<br>Length: 183.0" Width: 71.3" Height: 53.8" |
|                          | 4-Speed      | M20              | 3.08:1              | 3.55:1              |                             | 4-Speed      | M20              | 3.08:1**            | 3.55:1              |                                                                                              |
|                          | Powerglide   | M35              | 3.08:1              | 3.55:1              |                             | Powerglide   | M35              | 3.08:1**            | 3.55:1              |                                                                                              |
| 120-hp Hi-Thrift 194 Six | 3-Speed      | STD.             | 3.08:1              | 3.36:1 3.55:1       | 155-hp Turbo-Thrift 250 Six | 3-Speed      | STD.             | 3.08:1              | 3.36:1 3.55:1       |                                                                                              |
|                          | Powerglide   | M35              | 3.08:1**            | 3.55:1              |                             | Powerglide   | M35              | 3.08:1              | 3.55:1              |                                                                                              |

\*Positraction may be ordered with any rear axle ratio.

\*\*2.73:1 axle included with GM Air Injection Reactor (RPO K19) unless 3.08:1 or other available ratios specified.





# Camaro SS 350

**SS 350 Camaro Convertible with Rally Sport Option in Bolero Red**  
(Sport Coupe also available.)

## Mechanical features

**295-hp Turbo-Fire 350 V8.** Entirely new engine, exclusive with Camaro SS 350 (see chart at right for specs). Provides big-car power that complements Camaro's wide-stanced tread. High-strength thinwall castings. 1.94"-dia. intake valves, 1.50"-dia. exhaust valves. Valve lift: .3900" inlet, .4100" exhaust. Inlet valves open 36° BTC, close 94° ABC. Exhausts open 86° BTC, close 54° ABC. Inlet 310°, exhaust 320° duration. Special suspension components included with SS 350.

## Transmissions

**3-Speed fully synchronized.** Standard transmission with the 350 V8. Gear ratios: 2.54:1 first, 1.50:1 second, 1.00:1 third, 2.63:1 reverse. Column shift. Extra-cost special version: 2.41:1 first, 1.57:1 second, 1.00:1 third, 2.41:1 reverse. Floor shift.

**4-Speed fully synchronized.** Extra-cost. Ratios: 2.52:1 first, 1.88:1 second, 1.47:1 third, 1.00:1 fourth, 2.59:1 reverse. Chrome-plated floor-mounted shift lever.

**Powerglide automatic.** Extra cost. Two-speed, three-element automatic transmission. Ratios 3.70:1 to 1.76:1 range. Column shift lever, floor-mounted when Sports Console is specified.

## Appearance features

**Exterior.** Distinctive hood treatment with contrasting color bands and simulated louvers. "SS 350" emblems in grille and on fuel filler cap. "SS" letters on front fenders. Slender bright molding on body sills. Red-stripe tires (white-stripe available) on 14" x 6" wheels and hub caps.

**Style Trim Group.** Specifying these items adds front and rear wheel opening moldings, color-keyed body accent stripes and, on sport coupes, a drip gutter molding.

**Rally Sport.** Outstanding exterior appearance design you can order for your SS 350. Includes, plus items in Style Trim Group, full-width black grille with concealed headlights, parking lights relocated below bumper, wide lower body molding, distinctive taillights edged in black, back-up lights relocated below bumper, distinctive emblems and, depending on color, black paint below body side molding.

**Custom Interior.** May also be ordered for SS 350. Includes seven color-keyed all-vinyl interiors, accent bands on front bucket and conventional rear seats, special door trim with integral armrest, recessed door release and carpeted scuff panel. Oval steering wheel with SS center emblem. Circular courtesy lights on rear roof quarters in sport coupe, under instrument panel in convertible. Here's another personalizing extra available when Custom Interior is specified: Stratoback front seat (replacing buckets) with fold-down center armrest—in three colors and accent band combinations.

**Special Interior.** Also available for SS 350. Includes bright trimmed pedal pads—accelerator, brake, clutch and parking brake. Windshield pillar moldings and roof rail moldings (on sport coupe).

**Extra-cost items.** Stereo tape system, AM/FM radio with FM stereo, Four-Season air conditioning, Sports Console, special instrumentation, Strato-ease headrests, fold-down rear seat in sport coupe, vinyl roof in black or beige, power windows, steering and brakes. Soft-Ray tinted glass, shoulder belts for front seat passengers, Comfortilt steering wheel, power-operated convertible top, wheel trim covers, simulated wire or Mag-style wheel covers, rear seat speaker, deck lid luggage carrier, ski carrier, door edge guards, Tri-volume horn. Also Strato-back front seat, rubber cushion bumper guards, Cruise-Master speed control, remote control outside rearview mirror, wood-grained plastic steering wheel, rear antenna, front disc

brakes, sintered-metallic drum brake linings, deep-tone exhaust system, temperature-controlled fan, heavy-duty radiator, 12-42 amp. Delcotron and special steering, plus many more. Check your Chevrolet dealer for full details.

## Interior dimensions

|                                             | Sport Coupe |       | Convertible |       |
|---------------------------------------------|-------------|-------|-------------|-------|
|                                             | Front       | Rear  | Front       | Rear  |
| Head room . . . . .                         | 37.4"       | 36.5" | 37.4"       | 36.8" |
| Leg room . . . . .                          | 41.8"       | 31.5" | 42.5"       | 29.6" |
| Shoulder room . . . .                       | 56.8"       | 53.8" | 56.7"       | 47.3" |
| Usable luggage space (cubic feet) . . . . . | 8.25        |       | 5.6         |       |

## SS 350 engine (RPO L48) specifications

|                        |                             |
|------------------------|-----------------------------|
| Engine type            | Valve-in-head V8            |
| Displacement (cu.-in.) | 350                         |
| Bore and stroke        | 4.0" x 3.48"                |
| Horsepower @ RPM       | 295 @ 4800                  |
| Torque @ RPM           | 380 @ 3200                  |
| Compression ratio      | 10.25:1                     |
| Carburetion            | Four-barrel/automatic choke |
| Camshaft               | General performance         |
| Valve lifters          | Hydraulic                   |
| Exhaust system         | Dual with resonators        |

| ENGINE                      | TRANSMISSION       | OPTION NO.<br>(RPO) | REAR AXLE |                                                       | TRANSMISSION | OPTION NO.<br>(RPO) | REAR AXLE |                                                        | CHASSIS SPECIFICATIONS                |
|-----------------------------|--------------------|---------------------|-----------|-------------------------------------------------------|--------------|---------------------|-----------|--------------------------------------------------------|---------------------------------------|
|                             |                    |                     | STANDARD  | OPTIONAL                                              |              |                     | STANDARD  | OPTIONAL                                               |                                       |
| 295-hp Turbo-Fire<br>350 V8 | 3-Speed            | STD.                | 3.31:1    | 3.07:1<br>3.55:1                                      | 4-Speed      | M20                 | 3.31:1    | 3.07:1, 3.55:1<br>3.73:1, 4.10:1*,<br>4.56:1*, 4.88:1* | Wheelbase: 108"                       |
|                             | Special<br>3-Speed | M13                 | 3.31:1    | 3.07:1, 3.55:1<br>3.73:1, 4.10:1*<br>4.56:1*, 4.88:1* | Powerglide   | M35                 | 3.31:1    | 3.07:1, 3.55:1,<br>3.73:1                              | Length: 184.7"                        |
|                             |                    |                     |           |                                                       |              |                     |           |                                                        | Width: 72.6"      Tread: Front: 59.0" |
|                             |                    |                     |           |                                                       |              |                     |           |                                                        | Height: 51.0"      Rear: 58.9"        |

\*Positraction required; available with all other ratios.

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**Corvette 427 Sport Coupe in Marlboro Maroon**  
(Convertible also available.)

# Corvette 427

## Mechanical features

**435-hp Turbo-Jet 427 V8.** Similar 427 engines rated at 400 hp and 390 hp also are available. (See chart at right for specs). Famed "porcupine" heads have low-restriction inlet passages, angled valves for optimum gas flow. All three engines have extra-thick bulkheads above each crankshaft bearing and wide-base main bearing caps. Four bolts secure each main bearing cap in 435-hp V8; two bolts hold caps in 400- and 390-hp versions. Special piston ring material in 435-hp V8. All three V8s have individually ported inlet and exhaust passages. Valve lift for 435-hp V8: .5197" inlet, .5197" exhaust. For 400- and 390-hp V8s, .4614" inlet, .4800" exhaust. 435-hp V8 only: inlet valves open 44° BTC, close 92° ABC. Exhausts open 86° BBC, close 36° ATC. Both have inlet 316°, exhaust 302° duration. Suspension matched to engine.

## Extra-cost transmissions

**4-Speed fully synchronized.** Gear ratios with 435-hp V8: 2.20:1 first, 1.64:1 second, 1.27:1 third, 1.00:1 fourth, 2.26:1 reverse. With 390- and 400-hp V8s: 2.52:1 first, 1.88:1 second, 1.47:1 third, 1.00:1 fourth, 2.59:1 reverse. Device to prevent unintentional reverse gear engagement. Floor-mounted shift lever.

**Powerglide automatic.** Extra-cost transmission available with 390- and 400-hp V8s. Ratios: 3.70:1 to 1.76:1 range. Straight-line shift pattern. Floor-mounted lever.

## Appearance features

**Exterior.** Restyled front fender side louvers. Power-operated retractable headlights. Special hood styling with 427 V8s. Twin-unit taillights with bright bezels. Choice of weather-resistant vinyl-coated manually operated fabric or hard top for

convertible; second top at extra cost. New blue color choice for convertible soft top. Vinyl roof cover for removable hard top now can be ordered. New wider base standard wheel (15" x 6.0") with larger brake ventilation openings. Wheel trim rings and center spinners.

**Interior.** Luxurious color-keyed all-vinyl (leather seat trim available). Foam-padded, vinyl-covered headlining in sport coupe and in removable hard top for convertible. Foam-cushioned individually adjustable bucket seats with positive-locking backrests. Padded sun visors recessed in roof. Special sports-styled steering wheel. Carpeted cowl side panels. Color-keyed deep-twist floor and luggage compartment carpeting. Concealed stowage area behind seats. Chrome-backed day-night rearview mirror. Center console with electric clock and heater controls. Dual courtesy lights; also dome light in sport coupe. Luggage compartment light in convertible. Automatic door switches for lighting; also manual control on instrument panel. Crank-operated ventipanes. Ammeter, oil pressure, fuel and temperature gauges. Tachometer and separate trip odometer. Lighted locking glove compartment.

**Special performance extra-cost items.** Special purpose front and rear suspensions; includes stiffer front and rear springs and shock absorbers, larger diameter front stabilizer bar. Special lining material for four-wheel disc brakes. 36.5-gal. fuel tank. Aluminum wheels. Off-road straight-through mufflers. Special off-road outside mufflers with aluminum-covered side pipes. Positraction ratios from 3.08:1 to 4.11:1.

## CHASSIS SPECIFICATIONS

|            |        |         |       |               |       |
|------------|--------|---------|-------|---------------|-------|
| Wheelbase: | 98"    | Width:  | 69.6" | Tread: Front: | 57.6" |
| Length:    | 175.1" | Height: | 49.6" | Tread: Rear:  | 58.3" |

\*\*Convertible—49.8"

button buckles • Front seat belt retractors • Front seat shoulder belt anchors • Padded sun visors • Passenger-guard door locks — all doors • Folding front seat back latches • Four-way hazard warning flasher • Energy-absorbing steering wheel • Thick-laminate windshield • Dual-speed windshield wipers • Windshield washer • Reduced-glare instrument panel and windshield wiper arms and blades • Outside rearview mirror • Back-up lights • Uniform shift quadrant (PRNDL) • Safety door latches and hinges • Tire safety rim • Corrosion-resistant brake lines.

## 427 engine specifications

| Engine                  | 435-hp Turbo-Jet 427 (RPO L71)    | 400-hp Turbo-Jet 427 (RPO L68)    | 390-hp Turbo-Jet 427 (RPO L36) |
|-------------------------|-----------------------------------|-----------------------------------|--------------------------------|
| Engine Type             | V8 Valve-in-head                  | V8 Valve-in-head                  | V8 Valve-in-head               |
| Displacement (cu.-in.)  | 427                               | 427                               | 427                            |
| Bore and Stroke         | 4.25" x 3.76"                     | 4.25" x 3.76"                     | 4.25" x 3.76"                  |
| HP @ RPM                | 435 @ 5800                        | 400 @ 5400                        | 390 @ 5400                     |
| Torque @ RPM (ft.-lbs.) | 460 @ 4000                        | 460 @ 3600                        | 460 @ 3600                     |
| Compression Ratio       | 11.0:1                            | 10.25:1                           | 10.25:1                        |
| Carburetion             | Triple two-barrel/automatic choke | Triple two-barrel/automatic choke | Four-barrel/automatic choke    |
| Camshaft                | Special performance               | High performance                  | High performance               |
| Valve Lifters           | Mechanical                        | Hydraulic                         | Hydraulic                      |
| Exhaust System          | 2½"—dual                          | 2½"—dual                          | 2½"—dual                       |

| Engine                  | Transmission          | Option No. (RPO)  | Rear Axle                  |                                    |
|-------------------------|-----------------------|-------------------|----------------------------|------------------------------------|
|                         |                       |                   | STANDARD                   | OPTIONAL                           |
| 435-hp Turbo-Jet 427 V8 | 4-Speed               | M21               | 3.55:1*                    | 3.36:1*<br>3.70:1*                 |
| 400-hp Turbo-Jet 427 V8 | 4-Speed<br>Powerglide | M20<br>M21<br>M35 | 3.08:1<br>3.36:1<br>3.36:1 | 3.36:1<br>3.08:1, 3.55:1<br>3.70:1 |
| 390-hp Turbo-Jet 427 V8 | 4-Speed<br>Powerglide | M20<br>M21<br>M35 | 3.08:1<br>3.36:1<br>3.36:1 | 3.36:1<br>3.08:1, 3.55:1<br>3.70:1 |

\*Positraction required; optional for all other ratios.

For color and fabric choices for all Super Sport models described in this catalog, check the individual Chevrolet product catalogs available at your Chevrolet dealer's.

Illustrations and text throughout this folder include some extra-cost items. Check your Chevrolet dealer for full details on all extra-cost Options and Custom Features.

## Standard safety features for all '67 Super Sports

Dual master cylinder brake system with warning light • Energy-absorbing steering column • Energy-absorbing instrument panel with smooth contoured knobs and levers • Padded instrument panel • Lane-change feature incorporated in direction signal control • Inside day-night mirror with shatter-resistant vinyl-edged glass and breakaway support • Soft low-profile window control knobs, and coat hooks • Seat belts with push-

All illustrations and specifications contained in this literature are based on the latest product information available at the time of publication approval. The right is reserved to make changes at any time without notice in prices, colors, materials, equipment, specifications and models, and also to discontinue models. Chevrolet Motor Division, General Motors Corporation, Detroit, Michigan 48202.

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